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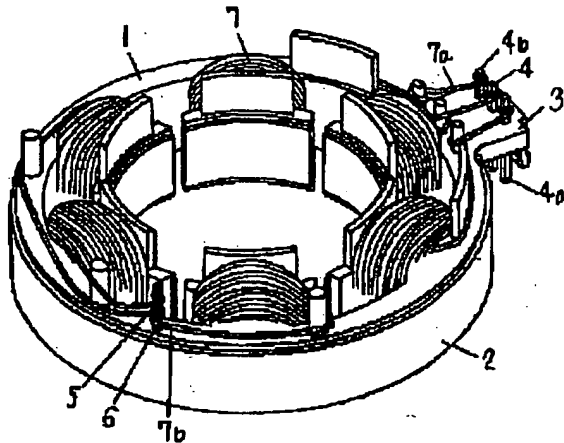
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TITLE : STATOR OF PLASTIC MOLDED
MOTOR



ABSTRACT : PURPOSE: To provide a high-quality stator of a plastic molded motor wherein a neutral point of a coil can be connected easily and which has a good productivity and no insulation fault.

CONSTITUTION: A holding hole is made in one face of an insulator 1 which is at the side of a coil end connecting part 4b and a terminal pin 116 is press-fit into the holding hole for binding a neutral point 5 on. A winding start part 7a of a coil 7 is bound on the coil end connecting part 4b first and then the coil 7 is started to be wound and a winding end part 7b is bound on the terminal pin 116 and is connected with soldering. Thus, a coil winding work is finished. With one face of a projecting part 3 which is at the side of a terminal section for connector 4a being exposed, molding resin is injected. So, a stator iron core 2, the insulator 1, the terminal pin 116, the coil 7 and one face of the projecting part 3 which is at the coil end connecting section 4b are molded into one body. Therefore, a connecting work of the neutral point 5 can be done automatically and the neutral point 5 is prevented from moving due to the fluidity pressure of the molding resin at the time of molding.

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